

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number  
**WO 2005/003139 A1**

(51) International Patent Classification<sup>7</sup>: **C07D 495/04**

(74) Agent: ADVOPATENT OFFICE OF PATENT AND  
TRADEMARK ATTORNEYS; P.O. Box 11, H-1251  
Hungary (HU).

(21) International Application Number:  
PCT/HU2004/000070

(22) International Filing Date: 30 June 2004 (30.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
P 0302028 2 July 2003 (02.07.2003) HU  
P 0401272 23 June 2004 (23.06.2004) HU

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): EGIS  
GYÓGYSZERGYÁR RT. [HU/HU]; Keresztúri út 30-38,  
H-1106 Budapest (HU).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): KÓTAY NAGY,  
Péter [HU/HU]; Nagymező u. 73, H-2600 Vác (HU).  
SIMIG, Gyula [HU/HU]; Hollósy S. u. 25, H-1126  
Budapest (HU). BARKÓCZY, József [HU/HU]; Szirom  
u. 4-6/B, H-1016 Budapest (HU). GREGOR, Tamás  
[HU/HU]; Vágóhíd u. 7, H-2141 Csömör (HU). FARKAS,  
Béla [HU/HU]; Stadion u. 2, H-8200 Veszprém (HU).  
VERECZKEYNÉ DONÁTH, Györgyi [HU/HU]; La-  
jos u. 49/b, H-1036 Budapest (HU). NAGY, Kálmán  
[HU/HU]; Turista u. 2/a, H-1025 Budapest (HU).  
KÖRTVÉLYESSY, Gyuláné [HU/HU]; Bimbó út 30,  
H-1022 Budapest (HU). SZENT-KIRÁLLYI, Zsuzsanna  
[HU/HU]; Tuzlilom u. 51, H-1223 Budapest (HU).

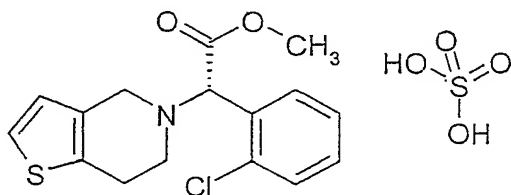
(81) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: PROCESS FOR THE PREPARATION OF CRYSTALLINE POLYMORPH OF A PLATELET AGGREGATION INHIBITOR DRUG



(I)

(57) Abstract: The present invention relates to a new method of preparation of the polymorph form 1 of methyl (S)-(+)-(2-chlorophenyl)-2-(6,7-dihydro-4H-thieno[3,2-c]pyridine-5-yl)-acetate hydrogensulfate of the formula (I).

WO 2005/003139 A1